

Water Audit Level 1 Validation Document

Validator Provided

Audit Information:

Utility: **Soledad** PWS ID: **2710011**
System Type: **Potable** Audit Period: **Calendar 2018**
Utility Representation: **Anthony Karl**
Validation Date: **12/17/2019** Call Time: **9:00am** Sufficient Supporting Documents Provided: **Yes**

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: **54** Data Validity Band (Level): **Band III (51-70)**
ILI: **3.39** Real Loss: **26.59 (gal/conn/day)** Apparent Loss: **9.10 (gal/conn/day)**
Non-revenue water as percent of cost of operating system: **2.0%**

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: **Drew Blackwell** Validator Qualifications: **Contractor for Water Loss TAP**

2018 AWWA Water Audit Level 1 Validation

Water System Name:

City of Soledad

Water System ID Number:

2710011

Water Audit Period:

1-1-2018 thru 12-31-2019

Water Audit & Water Loss Improvement Steps:

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Increase frequency of source meter calibration and testing.

Increase number of replacements of older meters. Increase testing of meters to provide data on what may need to be replaced.

Provide more unmetered unbilled usage data in monthly water loss reports.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Anthony C Karl

Public Works Manager



12-18-19

Executive Name (Print)

Executive Position

Signature

Date

Utility Provided